

THE ANALYSIS OF THE E-LEARNING INFORMATION SYSTEMS FEATURES BASED ON 1C SOLUTIONS

Abstract. The peculiarities of the modern world, epidemics, and economic crises have once again raised the question of modern forms and methods of education. The quarantine related to the COVID-19 coronavirus epidemic has updated the topic of distance learning and distance learning information systems. The article presents the results of the analysis of the applicability of 1C technologies for creating e-learning systems. The analysis of various versions of the system 1C: E-learning.

Keywords: e-learning, informatization, digitalization, 1C, 1C: Enterprise

A.D. Zobnin, V.I. Kiyaev

BIOMETRIC TECHNOLOGIES AS A MECHANISM FOR ENSURING INFORMATION SECURITY IN DIGITAL ECONOMY

Abstract. The article discusses the possibilities of using new methods of biometric technologies for building systems to ensure the information security of an organization at the stage of transition to a digital economy.

Keywords: information security, biometric technologies, digital economy, digital platform.

V.I. Kiyaev, K. A. Diatlov

USE OF IoT-TECHNOLOGIES FOR MONITORING SYSTEMS IN ECONOMIC ACTIVITIES

Abstract. Modern IoT technologies can be successfully used in the formation of management and monitoring systems in economic activities. The construction of such systems based on executive robotic devices - in particular, based on the use of unmanned aerial vehicles (UAV) - is associated with certain difficulties in cases of their use in closed spatial volumes having a complex configuration. The article describes the methodology for constructing a simulator, which allows you to build a model of the control system of such a UAV.

Keywords: IoT technologies, management and monitoring systems, unmanned aerial vehicles.

M.A. Nikolaev, M.O. Peryshkin

ANALYSIS OF THE ST. PETERSBURG CONSTRUCTION INDUSTRY

Abstract. The purpose of this work is to identify general trends in the construction market of St. Petersburg and identify the main problems that impede the sustainable development of this sector of the city's economy. The article discusses the main trends in the construction industry of St. Petersburg for the period 2016-2017. The geography of the city's development is analyzed. The policy of investing in fixed assets and non-financial assets by construction organizations of St. Petersburg is researched.

Keywords: Construction, industry analysis, the construction services market of St. Petersburg, investment in fixed assets, investment in non-financial assets.

WITHDRAWAL TAX AS A WAY TO ACHIEVE DIVERSIFICATION OF CITIES DEVELOPMENT WITH INDUSTRIAL SPECIALIZATION

Abstract. This article defines the criteria for achieving the diversification of the development of industrial cities, examines the tax on the withdrawn capital as a way to achieve the diversification of development, and illustrates the risks from its implementation. The study showed that under the experimental conditions proposed by the authors, with the introduction of a tax on withdrawn capital, the amount of funds that are reinvested in production increases by 20%, which contributes to both the improvement of the enterprise and the diversification of the development of the city as a whole.

Keywords: diversification of development, industrial cities, tax on withdrawn capital, capital investments, fixed assets.

I.S. Ismaili, F.A. Krasilin

THE MIGRATION SITUATION IN THE EURASIAN ECONOMIC UNION

Abstract. This article is dedicated to the analysis of the adequacy of the gold and foreign exchange resources of Saudi Arabia from 2008 to 2018. To assess the adequacy of the foreign exchange reserves, the main methods were used. Determining the adequacy of the gold and foreign exchange reserves is of great economic importance, because its insignificant volume worsens the country's solvency in the world market and limits the state's regulatory capabilities in the monetary sphere, and its overvaluation leads to the freezing of a significant part of the country's national wealth for a long period

Keywords: gold and foreign exchange reserves, Saudi Arabia, Guidotti-Greenspan criterion, Combined metric, IMF methodology.

O.V. Soboleva, O.S. Spiridonova

ANALYSIS OF CORRELATION BETWEEN THE STATE'S REGULATION OF FOREIGN DIRECT INVESTMENTS (FDI) AND DYNAMICS OF FDI IN THE MINING AND OIL-GAS INDUSTRIES

Abstract. The article is devoted to the correlation between the state's regulation of Foreign Direct Investment (FDI) and FDI inflows in the mining and oil-gas industries. Authors estimate the factors that induce FDI inflows. In the article the methodology of the FDI Restrictiveness Index is briefly introduced. The analysis of correlation between FDI RI and FDI inflows in the mining sector in different groups of countries has been supported by the results of regression calculations.

Keywords: foreign direct investment, motivation towards FDI, government regulations of FDI inflows, mining and oil-gas industry.